

Serial No.: 10/635,126
Atty. Dkt.: ZM466/03003
Title: Electrical Rough-In Box
For Low Voltage Transformer

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0002] with the following:

[0002] Electrical power is usually provided to residential homes at a line voltage of 120 volts AC by a public electrical utility. Inside of the home, certain applications (such as halogen lighting fixtures) require a reduction from the standard household current of 120 volts to the appropriate lighting requirements, generally 12 or 24 volts. This reduction, or step-down, in voltage is typically accomplished by means of a low voltage electrical transformer. Another type of household electrical application that requires the use of a transformer is a door bell system. A door bell system comprising one or more push button switches, electrical wiring and a chime mechanism requires a transformer to step down the standard 120 volt household current to a lower voltage which is appropriate for the chime mechanism, often 16 volts. Currently, in many building applications such as a residence, electricians must search for appropriate locations to mount such low voltage transformers before they begin to pull electrical wire to complete, in the case of a door bell system, the electrical circuit between the push button switch, the transformer and the chime mechanism. The National Electric Code ("NEC") and local electric codes do not permit transformers to be mounted in attics or non-accessible locations such as inside of finished walls. As such, in many cases transformers are mounted by electricians in a closet or other location close to the chime mechanism where the transformer can be hidden. This is often an inconvenience to the homeowner. Alternatively, electricians mount the transformer directly to the main electrical breaker box. This location, however, can require significantly more electrical

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wire and electrician time to complete the push button switch, transformer, chime mechanism electrical circuit and hence be more costly.

On Page 3, line 11, please replace paragraph [0005] with the following:

[0005] The area inside of the rough-in box is designated the line voltage wiring section. Line voltage is standard household current of 120 volts AC. Line voltage wires can enter the interior of the box through holes drilled by the electrician in the walls of the box or, more preferably, through standard knock-outs in one or more walls of the box. The box has a removable cover secured to the body of the box by screws, bolts, clamps or other securing means. Through the removable cover is mounted a typical low voltage transformer such as a 16 volt AC used for hardwired doorbell systems. The low voltage transformer has two ends: a line voltage end and an opposed low voltage end. The outside wall of the cover of the box has a recessed section that the low voltage end of the transformer protrudes through. This recessed section is also the low voltage wiring section. That is, wires connected to and leading from the low voltage end of the low voltage transformer reside in the low voltage wiring section. These low voltage wires may be connected directly to, for example, a low voltage appliance such as a chime mechanism or, via a channel in a sidewall of the body of the box and an entryway to the channel in a flange of the removable cover, to an electrical switch such as a door bell push button.

On Page 7, line 10, please replace paragraph [0023] with the following paragraph:

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[0023] Referring to FIG. 4, a low voltage transformer 24 having a line voltage end or primary side and a low voltage end or secondary side is disposed through an opening 26 in the recessed portion 38 of the cover 18. The transformer 24 is preferably mounted to cover 18 through opening 26 in cover 18 by means of brackets 44 and screws 46 disposed through holes 48 in the brackets; the screws 46 being in a securing relationship with posts 50 which are integrally molded with and attached to cover 18. One or more mounting tabs 28 are integrally molded with and attached to one or more of the side walls 14 of body 12 which allows the electrical rough-in box 10 to be fastened to a stud 52 in a wall or other fixed structure. The mounting tabs 28 will preferably have notches or holes therein 30 to accommodate a stud fastening means such as nails, bolts or screws (not shown).